

INDEX TO VOLUME 140, JANUARY-JUNE, 1929

Lack of space makes it impossible to give many cross-references or to enter a given reference in more than one place. Each article is therefore entered where it is believed it will be most easily found. In every case, the general subject should be sought rather than the supposed specific title of an article. We call special attention to the classifications "Aviation," "Engineering," "Household," "Medicine," "Miscellaneous," "Radio," etc., under which many items will be found, the location of which otherwise would be very puzzling.

| | | | |
|---|--|---|---|
| A ACOUSTICS Sound "Beam" Sending Horn 89 | ACRILICUM. See MINES AND METALLURGY. ANTHROPOLOGY See ARCHEOLOGY, ETHNOLOGY, Etc. ARCHEOLOGY, ANTHROPOLOGY, AND ETHNOLOGY Adventurous Archeology—Egypt 36 American Search for First 514 Ancient Man in America 430 Beisan 296, 310 Egyptian Vandals 3400 Years Ago 522 Eskimo Clean and Honest 105 Florida, Early Indians of 537 Indian Medicine Man, Vanishing 418 Senmut, Story of 69 Turkistan Dwelling 114 Ur, Discoveries at 404 | AVIATION Accident Analysis 544 Aerologists, Naval 412 Aircraft, Finishes for 276 Airline, Preparing 470 Air Mail Delivery 225 Air Mail, Future of 261 Air Mail Pick Up and Release 226 "Airmen or Noahs" 455 Air Scouts 546 Aviation Guide 546 Aviation Strides Ahead 237 Aviators Do Die Naturally 397 Beacon for Birdmen 104, 122 Builders of the Aviation Industry 228 Central America, Aviation in 70 Chicago Air Show 168 Compass Compensator 261 Control Cables, Substitute for 362 Curtiss-Caproni Machine 356 Diesel Engine for Aircraft 73, 356 Dinghies for Flying Boats 258 Engine, Conqueror 545 Engine, Small Inverted 476 Family Plane 398 Field Lighting, Automatic 455 "Firsts" in Aviation 501 Flying Boat, Large 259 Fuselage Construction 360 Glider, How I Built My 222 Graf Zeppelin 200 Guide Tank, Colossal Air 506 Handley Page Slot 207, 363 Heat Treating Furnaces for Airplane Material 259 Helium Production and Transportation 224 Ice, Warning Indicator 261 Identify Your Town 237 ILA 170 Installment Plan for Buying Planes 356, 546 Instrument Checker 115 Investing in Aviation 148 Kitty Hawk, Celebration at 225 Landing Field, New Type of 258 Landing Gear 456 Law, Aviation 259 Lighthouse, Aviation 182 Lightning, Hazards of 71 Light Plane 454 Light Plane Contest 258, 301, 439, 533 Machine-Gun Crew Parachute Drop 66 Model Aircraft 70 Mosquitoes Controlled by Airplanes 125 Panama by Air 358 Parachute for Entire Plane 72 Parachute Jumps 260 Planes for Private Flying 206 Policeman of the Air 73 "Practical Flying" 454 Radii Guides the Airway Traveler 238 Railroad in Aviation 544 Rohrbach, "Romar" 72, 546 Schools, Aviation in 71 Seaplane Designer's Views 546 Sextant, Bubble, Byrd Expedition 165 Sport Plane 455 Ticket Office, Aviation 259 Training in Aviation 456 Verville Air-Coach 362 Wind Tunnel 306 | BOTANY [Greenhouse, Rotating 399 Pitchforks from Trees 448 Plants, Have They a Heart Beat? 393 Plants, Sleepy, Arousing 116 |
| ARCHITECTURE See also BUILDING CONSTRUCTION. Ancient Architecture in France 392 | ARMY AND NAVY Anti-aircraft Matériel 424 Cruisers, German 346 Destroyer Leader, British 142 Machine-Gun Crew Parachute Drop 66 Mis-statements in British Publications 325 Naval Adequacy—V 38 Navy Building Program 14 Old Ironsides 493 Poison Gas Disposal 364 Salt Lake City Cruiser 398 Saratoga Fastest Ship 287 Submarine Safety 493 Target Practice 398 War-Horse, Disappearing 14 | C CARBOLOV. See MINES AND METALLURGY. CHEMISTRY Adipic Acid 469 Ammonia, Synthetic 276 Asphalt from Petroleum 176 Atom Smashing Costly 68 Aurora Mysteries Being Solved 31 Bacteria Used to Measure Oxygen 277 Bakelite and Asbestos Combined 267 Beef, Can Chemistry Improve on Roast? 277 Benzol from Methane 176 Carbon Products, Manufacturing 364 Catalyzing Poison 460 Cement as By-Product of Fertilizer Manufacturer 267 Chemical Engineering School 458 Chemical Memorabilia of Dr. E. F. Smith 267 Chemistry and the "Bright Lights" 564 Chemists Compress Time 266 Chlorine, Surplus, for Weed Killer 268 Complexions, Chemistry Contributes to 278 Condenser, Cooling Water, Chlorine in 550 Cryogenic Research Laboratory 166 Disinfectants, German 367 Dyes, Perspiration Effects 468 Dyestuff, Primitive 274 Elements, Collection of 452 Explosibility of Vapors 552 Flooring, Corrosion-Resisting 275 Gas Absorption 460 Gas from Iron and Steel 453 Gases, Rare, Collection of 163 Glass, Shatter-proof 366 Insecticides, New 83 Insulating L. O. X 560 Lemons, Waste, Uses for 274 Low Temperatures 275 Luminous Paint from Radium 277 Luminous Pressure Waves 277 Methane 74 Natural Gas By-products 548 Oil and Water Mixing 366 Paint from Emulsification of Asphalt 268 Plants, Sleepy, Arousing 116 Quinabroch Extract Plant 297 | |
| ASTRONOMY Heavens Month by Month 85, 178, 279, 372, 466, 558 Hub of Universe, Hunt for 132 Jovian Face Changes 253 Porter, R. W 506 Solar Research for Amateurs 302, 436 Stars, Electrical Thermometers for 408 Sun, Quantitative Analysis 316 Telescope, Amateur Largest 442 Telescopes, Backyard Astronomer 80, 174, 272, 370, 464, 556 Telescope, Two Hundred Inch 20, 115 Universe, Does It Rotate? 216 Velocity, Stellar 504 | BIOGRAPHY AND PORTRAITS Anthony, H. E 101 Bergius, Dr. F 293 Builders of the Aviation Industry 228 Byrd, R. E 199 Cadzow, D. A 101 Cannon, Dr. A. J 103 Claude, Dr. G 568 Gregory, Dr. W. K 487 Hale, Dr. G. E 293 Hoover, President 257 Kamm, Dr. O 295 Lodge, Sir Oliver 389 Marvin, C. F 391 McLennan, J. C 5 Miles, W 485 Porter, R. W 506 Stewart, R 389 Thomson, Prof. J. J 7 | COAL. See FUELS. COMMERCIAL PROPERTY NEWS 92, 187, 284, 380, 476, 568 | |
| ATHLETICS. See SPORTS. AUTOMOBILES Automarket 16 Automobile, World's First 16 Car Wings, Closed 447 Coal Delivery Truck Body 453 Concrete Mixer-Carrier Truck 68 Cowl Mat 447 Hoist, Automobile Operated 541 Ice Cream Truck 61 Jack, Automobile 61 Milk Delivery Car 67 Milk Delivery Trailer 17 Motor Car Performance 65 Motor Cycle Resembles Automobile 16 Observation Body 61 Puncture Weed and Automobile 507 Railroad Bus Station 240 Railroad Bus Systems 22 Railroad Car, Automobile 507 Registering Jolts 68 Seagrave's "Wonder Car" 307 | COTTON Cotton Baling Methods 534 | CRIME Gas Warfare, Thug 397 | |
| BIOLOGY Life, What Is? 18 | CURRENT BULLETIN BRIEFS 78, 172, 270, 368, 462, 554 | D DAMS. See ENGINEERING, CIVIL. | |

DIRIGIBLES. See AVIATION.

E

EDUCATION

| | |
|-------------------------------|-----|
| Industrial Doctors | 325 |
| Motion Pictures and Education | 516 |
| Science Made Pleasing | 15 |
| Science's Records Facing Ruin | 28 |

ELECTRICITY

| | |
|---|----------|
| Arc Welded Buildings | 346, 542 |
| Chemistry and the "Bright Lights" | 564 |
| Electric Machinery Cooled by Hydrogen Gas | 264 |
| Electrically Controlled Hoist | 74 |
| Gassing Fruit Bugs, Electricity for | 88 |
| Generators, World's Largest | 448 |
| Hydro-Electric Plant, Shannon | 400 |
| Laboratory, Boy's Electrical | 63 |
| Lightning, Secrets of | 249 |
| Lumber Moisture, Detector | 164 |
| Metalizing Substance | 366 |
| Typesetting by Telegraph | 141 |
| X-Ray Set, Portable | 67 |

ENGINEERING, CIVIL

| | |
|-------------------------------------|----------|
| Aqueducts, Roman | 530 |
| Bridge, Detroit | 114 |
| Bridge Ferry | 506 |
| Bridge, Grand Canyon | 16 |
| Bridge, Hampton Roads | 53 |
| Bridge, Hudson River, Progress of | 502 |
| Bridge, Polychrome | 109 |
| Bridge, San Francisco | 138, 399 |
| Concrete Mixer-Carrier Truck | 68 |
| Concrete Mixer, Home Made | 265 |
| Dam, Coolidge, Multiple-Dome | 115 |
| Dam, Diablo | 507 |
| Dam Failure, Lafayette | 162 |
| Dam, Irrigation | 224 |
| Dam, Mountainous Earthen | 308 |
| Dam, Paugan | 307 |
| Dam, St. Francis | 17 |
| Dam, World's Highest | 398 |
| Drained Tract Like Holland | 254 |
| Dredge | 506 |
| Helioland, Protecting | 307 |
| Niagara Should be Saved | 54 |
| Niagara Will Be Saved | 264 |
| Pisa, "Sinking" Tower of | 137 |
| Pole Setting Machine | 69 |
| Poles, Setting with Dynamite | 348 |
| Railroad Jolts, Measuring | 114 |
| Roman Engineering Triumphs | 530 |
| Shannon, Hydro-Electric Plant | 400 |
| Station and Amusement Arena, Boston | 314 |
| Street Cleaning Device | 307 |
| Tank-Lookout | 114 |
| Tunnel, Ben Nevis | 306 |
| Tunnel, Oakland-Alameda | 115 |

ENGINEERING, MECHANICAL

| | |
|---------------------------------------|----------|
| Aerodynamic Wind Mills | 525 |
| Arc Welded Buildings | 346, 542 |
| Cable Tension Meter | 63 |
| Condenser, Cooling Water, Chlorine in | 550 |
| Drainage Pump, Outbound Motor for | 348 |
| Engine, Air Cooled | 559 |
| Engineering Fundamentals | 108 |
| Freight Bracing System | 265 |
| Generators, World's Largest | 448 |
| Locomotive, Largest Steam | 262 |
| Lubrication, Systematic Industrial | 450 |
| Railroad Bus Station | 240 |
| Railroads in Aviation | 544 |
| Train Stop, Automatic | 435 |
| Water-Power, Truth About | 109 |
| Wheels—III | 48 |

ETHNOLOGY

See ARCHEOLOGY, ANTHROPOLOGY, ETC.

EXPLOSIVES

| | |
|------------------------------|-----|
| Dynamite Drying | 166 |
| Insulating L. O. X. | 560 |
| Modern Research in | 550 |
| Surplus Explosives, Utilized | 76 |

F

FINE ARTS

| | |
|--------------------------------------|-----|
| Architects as Room Designers | 497 |
| Etching on Wood, Mechanical | 440 |
| Paintings, Protecting for Posterity | 528 |
| Paintings, Scientific Examination of | 432 |

FISH AND FISHERIES

| | |
|-------------------------------|-----|
| Fish Distribution, Scientific | 250 |
|-------------------------------|-----|

FOODS

| | |
|---------------------------------------|-----|
| Aluminum Cans | 68 |
| Aluminum on Trial | 246 |
| Banana Vinegar | 565 |
| Beef, Can Chemistry Improve on Roast? | 277 |

| | |
|---------------------------------------|-----|
| Bread, White, Holds Popularity | 458 |
| Celery, Artificially Ripened | 34 |
| Colors of Food | 513 |
| Freezing, Preserving Foods by | 552 |
| Iodine, Nutritive Value of | 458 |
| Milk Bottles, Paper | 332 |
| Peanut Butter, Removing Stickiness of | 468 |
| Salt from the Sea | 157 |
| Vitamin B | 68 |
| Vitamin C | 326 |
| Wood Pulp, Food from | 322 |

FORESTRY

| | |
|-------------------------------|-----|
| Britain Plans for New Forests | 262 |
| Logging Cart Bearings | 449 |
| Prize Contest | 562 |
| Tape for Trees, Adhesive | 562 |
| Trees Aided by Compressed Air | 265 |

FUELS

| | |
|------------------------------|-----|
| Brown Coal, Hydrogenating | 366 |
| Coal and Wood, New Uses for | 322 |
| Coal Smoke Costs Millions | 374 |
| Coal, Spontaneous Heating of | 266 |
| Coal Weighing Device | 450 |
| Coke By-Product | 74 |
| Explosibility of Vapors | 552 |
| Gasoline from Coal | 322 |
| Gasoline from Natural Gas | 375 |
| Petroleum, Origin of | 56 |
| Sawdust, Motor Fuel from | 268 |
| Sulfur in Gasoline | 77 |
| Wood Gases for Motors | 27 |

G

GAME HUNTING

| | |
|----------------------|-----|
| Ibexes and "Fuzzies" | 126 |
|----------------------|-----|

GASOLINE. See FUELS.

GEOLOGY

| | |
|---|-----|
| Death Valley | 521 |
| Humanizing Geology | 493 |
| Petroleum, Origin of | 56 |
| Prospecting with Artificial Earthquakes | 508 |
| Turtle Fossil | 451 |
| Volcanoes | 9 |
| Weighing the Earth | 218 |

GLASS

| | |
|---------------------------------|----------|
| Shatter-Proof | 366 |
| Ultra-Violet Transmitting Glass | 237, 338 |

H

HEATING AND VENTILATION

| | |
|-------------------------|-----|
| Air Cooler for Home | 541 |
| Heating British Embassy | 67 |
| Weather-maker for Home | 542 |

HOUSEHOLD

| | |
|------------------------------|-----|
| Bath Mat | 64 |
| Bed Springs | 256 |
| Bug Barrier | 64 |
| Can Top Remover | 538 |
| Cigar Lighter | 257 |
| Closet-Bed, Disappearing | 451 |
| Clothes Line Extension | 538 |
| Clothes Pin, Metal | 446 |
| Coffee Percolator | 180 |
| Cookie Utensil | 456 |
| Doorknob Lock | 446 |
| Dress Envelope | 64 |
| Egg Kettle | 64 |
| Electric Broiler | 256 |
| Floor Polisher | 538 |
| Floors, Cleaning | 84 |
| Flower Holder | 160 |
| Fruit Juice Strainer | 344 |
| Furnace, Gas Fired Automatic | 542 |
| Gas Cooking Cabinet | 344 |
| Hand Massage | 160 |
| Hanger Brush | 64 |
| Hedge Trimmer | 446 |
| Hot Water Bottle | 64 |
| Ice Cream Freezer | 539 |
| Kitchen Cabinet | 257 |
| Luggage Partitions | 539 |
| Memorandum Roll | 447 |
| Refreshment Tray | 541 |
| Refrigerated Air | 161 |
| Refrigerator, Kerosene | 256 |
| Scouring Device | 344 |
| Screen Ventilator | 256 |
| Service Tray | 161 |
| Sewing Basket | 344 |
| Space Saver, Apartment | 446 |
| Stool-Ladder | 539 |
| Table, Folding Bridge | 257 |
| Table, Single Leg | 344 |
| Toaster, Tandem | 160 |
| Toothbrush Holders | 63 |
| Typewriter Desk | 344 |

I

| | |
|------------------------|-----|
| Umbrella, Pocket-Size | 63 |
| Wardrobe Hand Bag | 539 |
| Wardrobe Shoe Bag | 63 |
| Washer, Small | 256 |
| Wheel Chair | 161 |
| Wife Saver | 344 |
| Writing Desk and Piano | 161 |

K

| | |
|---|--|
| IRON, PURE. See MINES AND METALLURGY. | |
| KITCHEN. See HOUSEHOLD. | |
| LOCOMOTIVES. See ENGINEERING, MECHANICAL. | |
| MARINE EQUIPMENT See also SAFETY | |

L

| | |
|---|--|
| LOCOMOTIVES. See ENGINEERING, MECHANICAL. | |
| MARINE EQUIPMENT See also SAFETY | |

| | |
|---|----------|
| MECHANICS. See ENGINEERING, MECHANICAL. | |
| MEDICINE | |
| Animal Allies of the Physician | 318 |
| Bakelite Manufacturing, Danger in | 34 |
| Burns, Treatment of Skin Grafts | 416 |
| Carbon Monoxide Poisoning | 74 |
| Carrion's Disease | 243 |
| Clothing and Man | 327 |
| Chromium Plating Hazards | 176 |
| Compressed Air, Pranks with | 512 |
| Cross Examination Under Anesthetics | 326 |
| Deafened School Child | 124 |
| Duke's Palm Color Test | 34 |
| Ergosterol | 35 |
| Eskimos, Do They Catch Cold? | 243 |
| Eye, Diseases of, in Old Age | 327 |
| Eyesight, Testing Lenses for | 17 |
| Finger Nails, Changes in | 124 |
| Germ Killer | 306 |
| Glass in Glottis | 417 |
| Golf Balls and Lead Poisoning | 416 |
| Hearing the Eye See | 451 |
| Heart, Circulation of the | 243 |
| Industrial Skin Diseases | 35 |
| Japanese Decorations for Scientists | 327 |
| Kaiser's Paralyzed Arm | 125 |
| Lead Poisoning from Pencils | 35 |
| Leprosy | 417 |
| McDowell Home | 243 |
| Meat Diet, Chemical Effects of | 457 |
| Milk Sicknes | 242 |
| Mosquito Fight, Summer | 397 |
| Mosquitoes, Airplanes Control | 125 |
| Narcosan and Drug Addiction | 326 |
| Noise, Exclusion | 52 |
| Posture, Changes in | 512 |
| Punch Drunk | 512 |
| Raynaud's Disease | 416 |
| Rider's Legs | 513 |
| Road Tar Poisoning | 513 |
| Spine, Visualizing the | 125 |
| Steam, Inhaling | 416 |
| Teeth, Decaying in Childhood | 513 |
| Thallium Acetate | 242 |
| Tissues, Effect of Rays on | 242 |
| Trichina, Epidemic of | 416 |
| Ultra-Violet Ray Changes Blood | 125 |
| Ultra-Violet Rays | 512 |
| Ultra-Violet Transmitting Glass | 237, 338 |
| Undulant Fever | 326 |
| Vaccines, Serums and Antitoxins | 318 |
| Vehicle Tunnel Experiments | 66 |
| Vitamin B | 68 |
| Vitamin C | 326 |
| Water Purification, Chlorine in | 417 |
| Yellow Fever Transmission | 512 |

MERCHANT MARINE

| | |
|--------------------------------------|-----|
| Greater Merchant Marine | 397 |
| Rotor Ship's End | 15 |
| Scientific American Sea-Safety Medal | 121 |

METEOROLOGY

See MINES AND METALLURGY

| | |
|--------------------------|-----|
| MINES AND METALLURGY | |
| Alloy Age | 325 |
| Alloys, Light | 375 |
| Aluminum on Trial | 246 |
| Aluminum Solder | 469 |
| Carboley | 241 |
| Chromium Plate | 467 |
| Chromium Plating Hazards | 176 |

| | | | |
|--|----------|--|-----------------------------|
| Copper Extrusion, Cold..... | 540 | "Chinese" Irish Lace..... | 188 |
| Corrosion Proofing..... | 565 | Claude, Dr. Georges, Discusses Invention..... | 568 |
| Heat Treating Furnaces..... | 259 | Coal Trademark..... | 570 |
| Iron, Birthplace of Pure..... | 134 | Collars and Collar Buttons..... | 380 |
| Manganese Produced by Vacuum Distillation..... | 267 | Ear Marks of Invention..... | 93 |
| Mineral Pigments..... | 460 | Emergency Case..... | 285 |
| Oil Burners and Copper..... | 553 | Employers' Shop Rights..... | 187 |
| Ore Testing, Heavy Liquids Used in..... | 277 | Emulsions, Process for Breaking Up..... | 568 |
| Ore Unloader on Steamer..... | 352 | European Cartels..... | 188 |
| Prospecting with Artificial Earthquakes..... | 508 | French Inventors Display Devices..... | 284 |
| Saving the Scraps..... | 43 | Hughes, C. E., Addresses Patent Attorneys..... | 568 |
| Scrap Iron Saving..... | 43 | Ideas Are Not Patentable..... | 92 |
| MISCELLANEOUS | | | |
| Boards, End-Matched..... | 381 | Ideas, Putting Them to Work..... | 381 |
| Butcher's Glove..... | 62 | Inventors and Engineers Praised..... | 476 |
| Corns and Shoe Trees..... | 280 | Lumber Branding..... | 476 |
| Crockery Smashing Tests..... | 306 | "Narrotto" for Hosiery..... | 188 |
| Dogs Given Immunity to Distemper..... | 263 | New York Is a State of Mind..... | 380 |
| Fireboat "Mosquito"..... | 17 | Novel Combination of Old Practices..... | 477 |
| Fire, Pulpwood, Conquering..... | 354 | Outside Inventor..... | 94 |
| Lighter, "Gas," for the Pocket..... | 346 | Paper Cup, Improved..... | 570 |
| Linen Chute..... | 560 | "Parco" Decision..... | 380 |
| Mechanical Selling Devices..... | 24 | Patent Law System, Improving..... | 569 |
| Milk Bottles, Paper..... | 332 | Patents Recently Issued..... | 93, 188, 285, 381, 477, 570 |
| Newspaper Science..... | 15 | Patents Seized in War..... | 93 |
| Rag Picking..... | 444 | Patents Slowing Down?..... | 187 |
| Resins, Light Sensitive for Decorating Metals..... | 553 | Plymouth Is "Merely Geographical"..... | 380 |
| Roach-Proofing Books..... | 398 | Pointers from a Pen Maker..... | 518 |
| Shoe Shining Machine..... | 62 | Profits in Cinders..... | 92 |
| Sing Sing Prison..... | 146 | Pullman Bags and Pullman Cars..... | 381 |
| Snuff Production..... | 189 | Radios Are Not Machines..... | 93 |
| Store Clerks, Women are Best..... | 180 | Rayon..... | 476 |
| Toes as Weather Prophets..... | 367 | Research Wins Recognition..... | 570 |
| Typeetting by Telegraph..... | 141 | Rights Must Be Asserted..... | 189 |
| Violins, Rubberized..... | 164 | Safety in Secrecy..... | 284 |
| What Things are Made of—I..... | 110 | State Royalty Tax Illegal..... | 568 |
| What Things are Made of—II..... | 234 | Trade Commission Decisions..... | 477 |
| Windmills, Vanishing..... | 15 | Trademark Renewals..... | 477 |
| MOVING PICTURES | | | |
| Advertising With Movies..... | 428 | Trademarks in Greece..... | 187 |
| Diction in Talkies..... | 14 | Unauthorized Selling Not Infringement..... | 94 |
| Education Adopts the Motion Picture..... | 516 | | |
| Heart on "Movie" Screen..... | 399 | | |
| Putting It Over with Movies..... | 428 | | |
| Skating on Hypo "Ice"..... | 377 | | |
| "Talkies" in the Home..... | 354 | | |
| Three Floor Set..... | 225 | | |
| MUSICAL INSTRUMENTS | | | |
| Orchestras, One-Man..... | 494 | | |
| Organ Building..... | 494 | | |
| N | | | |
| NATURAL HISTORY | | | |
| Antarctic, Daylight Robbery in..... | 399 | | |
| Aquatic Animal Remembers..... | 452 | | |
| Beacon and Bird Sanctuary..... | 104, 122 | | |
| Cageless Zoo..... | 60 | | |
| Glow Worm, Why It "Glimmers"..... | 548 | | |
| Insects, Why Do They Migrate?..... | 328 | | |
| NAVAL MATTERS. See ARMY AND NAVY. | | | |
| NAVIGATION | | | |
| Bubble Sextant..... | 165 | | |
| Navigation Tables..... | 562 | | |
| NOISE EXCLUSION 52 | | | |
| O | | | |
| OFFICE APPLIANCES | | | |
| Brief Case Bag..... | 62 | | |
| Japanese Writing with Roman Alphabet..... | 354 | | |
| Lettering Keys..... | 257 | | |
| Pens, Fountain..... | 518 | | |
| Pin Holder..... | 62 | | |
| Refrigerated Air..... | 541 | | |
| Rotoprint..... | 92 | | |
| Slide Rule and Pencil..... | 257 | | |
| Staplers, Rapid..... | 62 | | |
| Typewriter, Japanese..... | 114 | | |
| Typewriter, Many-Language..... | 63 | | |
| P | | | |
| PAPER | | | |
| Cornstalk Paper..... | 380 | | |
| Doping Paper for Currency..... | 373 | | |
| Groundwood Paper Deterioration..... | 28 | | |
| Odors, Eliminating, in Manufacture..... | 76 | | |
| Rag Picking as Big Business..... | 444 | | |
| PATENTS AND TRADEMARKS | | | |
| American Beauty Contest..... | 382 | | |
| Appeals, Changed Jurisdiction in..... | 569 | | |
| Barbed Wire Patent..... | 569 | | |
| SAFETY | | | |
| Artificial Lung for Submarine..... | 225 | | |
| Automobile Speeds, Safe..... | 109 | | |
| Carbon Dioxide Fire Extinguishers..... | 374 | | |
| Dangerous Wastes..... | 108 | | |
| Dust, Dangers in..... | 167 | | |
| Dust Masks..... | 268 | | |
| Gas Masks in Industry..... | 268 | | |
| Humidity and Temperature Control in Theaters..... | 172 | | |
| Humidity Control Prevents Explosions..... | 167 | | |
| S | | | |
| SAFETY | | | |
| Artificial Lung for Submarine..... | 225 | | |
| Automobile Speeds, Safe..... | 109 | | |
| Carbon Dioxide Fire Extinguishers..... | 374 | | |
| Dangerous Wastes..... | 108 | | |
| Dust, Dangers in..... | 167 | | |
| Dust Masks..... | 268 | | |
| Gas Masks in Industry..... | 268 | | |
| Humidity and Temperature Control in Theaters..... | 172 | | |
| Humidity Control Prevents Explosions..... | 167 | | |
| WASTE | | | |
| Reclaiming Waste..... | 118 | | |
| Incinerator, Useless..... | 187 | | |
| Rag Picking as Big Business..... | 444 | | |
| Saving the Scraps..... | 45 | | |
| WIND MILLS | | | |
| Aerodynamic Wind Mills..... | 525 | | |
| Vanishing..... | 15 | | |